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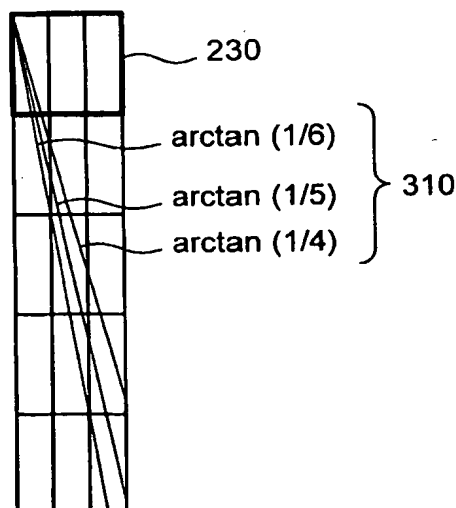
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(54) Title: THREE-DIMENSIONAL IMAGE DISPLAY DEVICE, THREE-DIMENSIONAL IMAGE DISPLAY METHOD,
AND COMPUTER PROGRAM PRODUCT FOR THREE-DIMENSIONAL IMAGE DISPLAY



(57) Abstract: Autostereoscopic display with inclined Penticular sheet and observer tracking. A three-dimensional image display device includes a two-dimensional image display screen having color filters in which each color is disposed on sub-pixels obtained by dividing one pixel in a vertical direction and same color is disposed on each column of sub-pixels; an optical plate having an exit pupil, the exit pupil being provided for making a viewing zone different for each pixel and having a longitudinal axis disposed as to be inclined from a vertical direction of the two-dimensional image display screen at a degree (θ) ($0, -45 < \theta < 45$), the viewing zone being a region in which parallax information displayed on the two-dimensional image display screen is observed; and a viewing zone adjusting unit that adjusts the viewing zone by shifting the viewing zone in a horizontal direction of the two-dimensional image display screen by shifting the parallax information disposed on each pixel of the two-dimensional image display screen in the vertical direction by pixel.

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